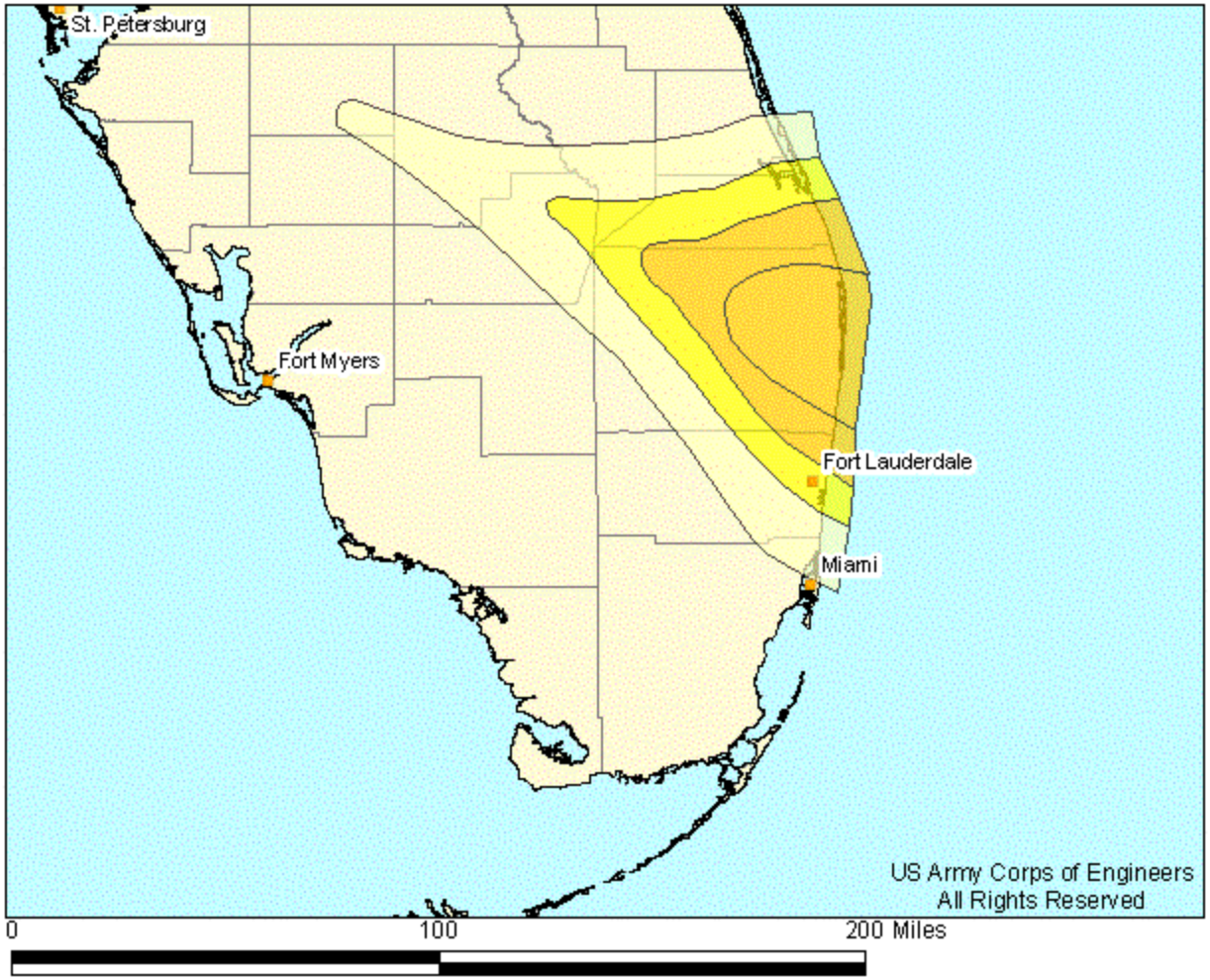
US Army Corps of Engineers

Hurricane NoName Projected Damage Areas

Landfall Expected In About 23 Hours

For Planning Purposes Only!



Post Landfall Projected Damage Areas

This model is based on a Category 2 storm making landfall near Palm Beach, FL.

Projected Damage Areas

- CAT 0-type damage
- CAT 1-type damage
- CAT 2-type damage
- CAT 3-type damage
- CAT 4-type damage
- CAT 5-type damage

Information provided on this page displays a Category 2 storm making landfall near Palm Beach, FL. These projections are based on information from the NHC (1230 EDT 09/05/2008) forecast.

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

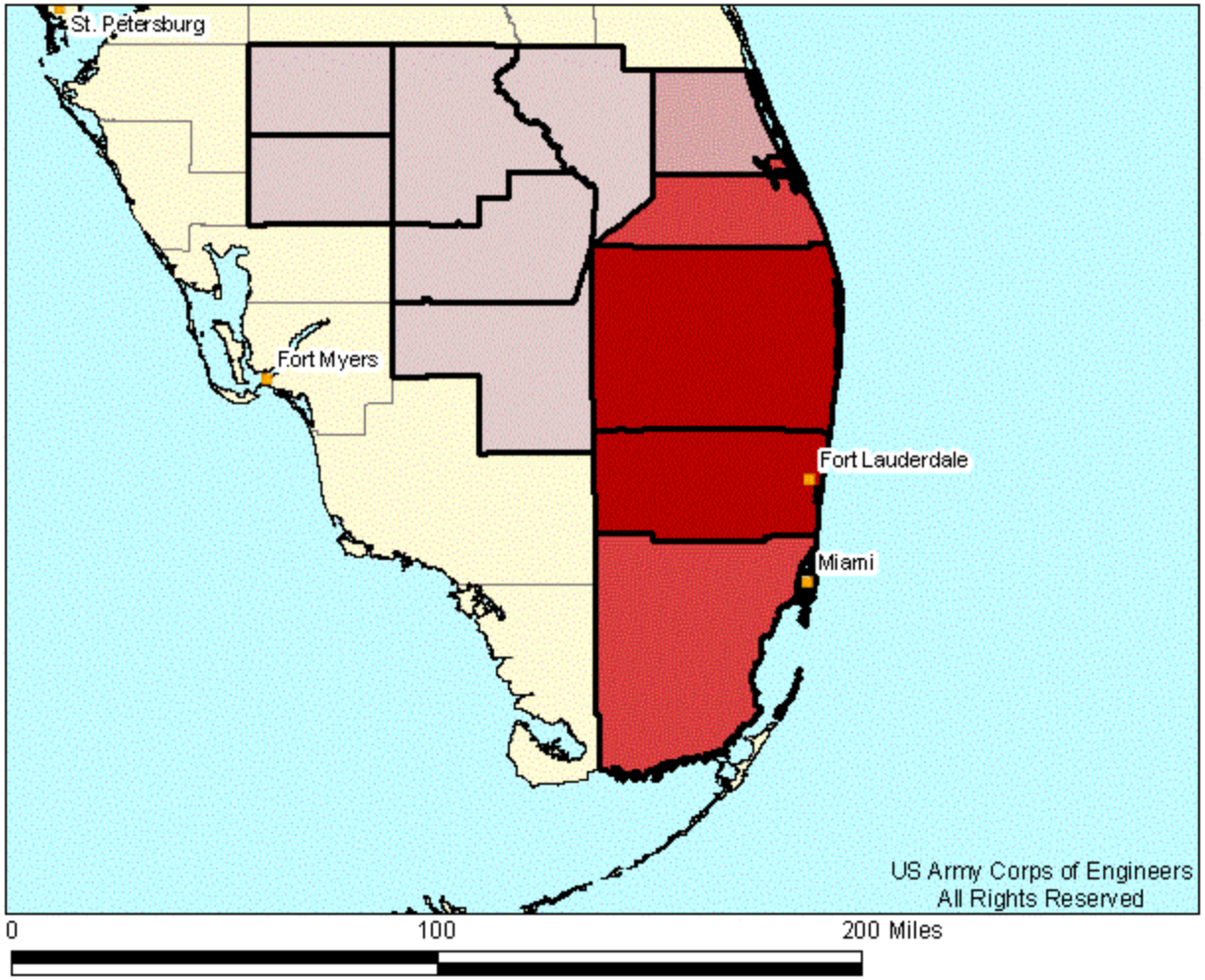
Hurricane NoName Projected Damage Areas	
Generated By: Siemsen, LRL 1300 EDT 09/05/2008	
Sources: HURREVAC LRL-DEBRIS	Page 1 of 13

US Army Corps of Engineers

Hurricane NoName Debris Model

Landfall Expected In About 23 Hours

For Planning Purposes Only!



Post Landfall Debris Model Results

Florida - 29,241,000 Yards

Model results per County on following page

This model is based on a Category 2 storm making landfall near Palm Beach, FL.

Debris

- < 100,000 cubic yards
- 100,000 - 249,999 cubic yards
- 250,000 - 499,999 cubic yards
- 500,000 - 999,999 cubic yards
- >1,000,000 cubic yards

Information provided on this page displays a Category 2 storm making landfall near Palm Beach, FL. These projections are based on information from the NHC (1230 EDT 09/05/2008) forecast. The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds, but does not include volume that may be covered by private insurance. Debris volume may include storm surge generated debris.

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane NoName Debris Model	
Generated By: Siemsen, LRL 1300 EDT 09/05/2008	
Sources: HURREVAC LRL-DEBRIS	Page 2 of 13

US Army Corps of Engineers

Hurricane NoName Debris Model

Landfall Expected In About 23 Hours

For Planning Purposes Only!

State	Yards per State	County	Yards per County
Florida		Broward County	6,006,000
		DeSoto County	< 1,000
		Glades County	17,000
		Hardee County	3,000
		Hendry County	15,000
		Highlands County	31,000
		Martin County	645,000
		Miami-Dade County	707,000
		Okeechobee County	55,000
		Palm Beach County	21,544,000
		St. Lucie County	218,000
Florida	29,241,000		

The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds, but does not include volume that may be covered by private insurance. Debris volume may include storm surge generated debris.

Details about this model may be obtained at http://www.englink.usace.army.mil
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Hurricane NoName Debris Model

Generated By:
Siemsen, LRL 1300 EDT 09/05/2008

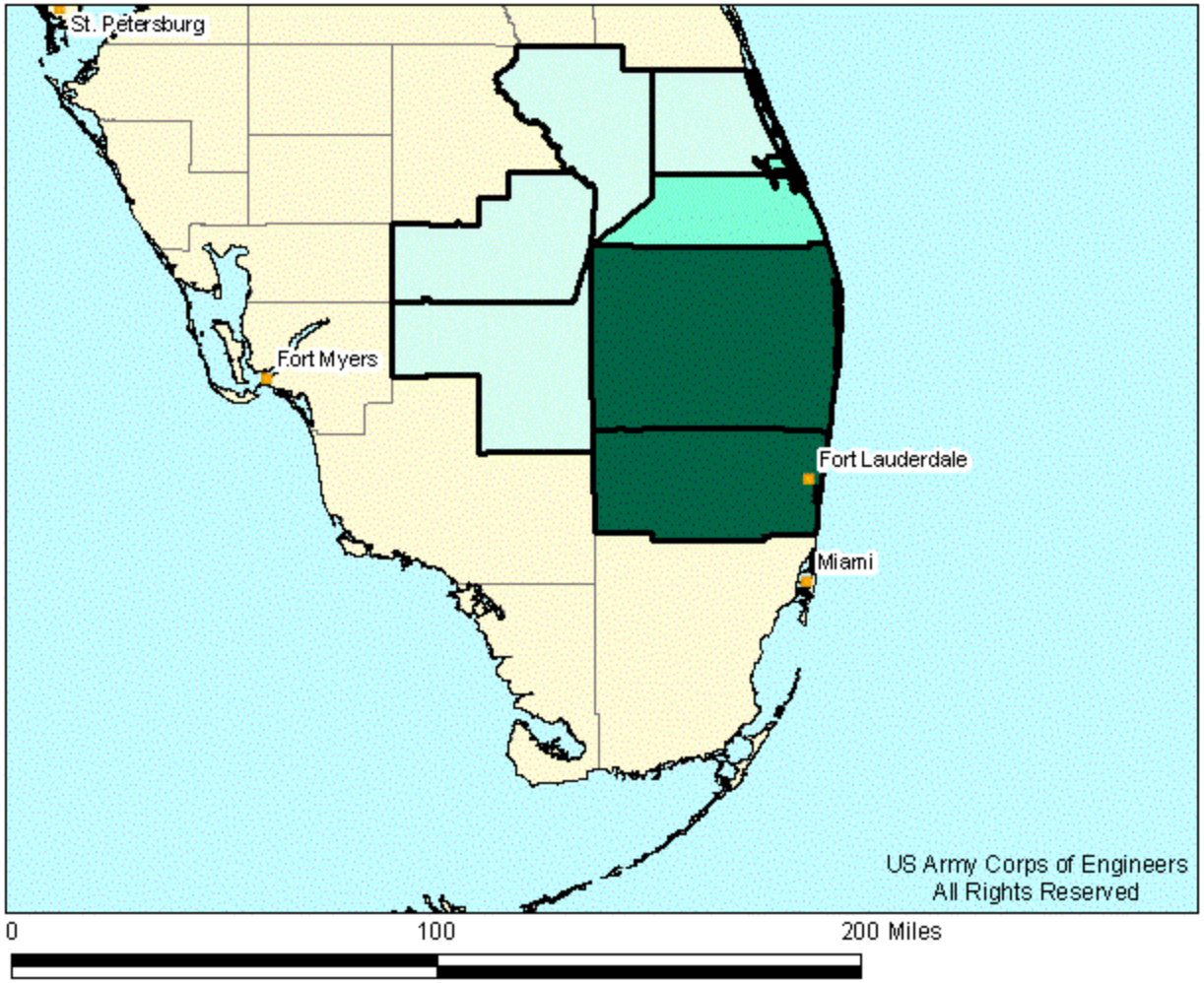
Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane NoName Commodities Model

Landfall Expected In About 23 Hours

For Planning Purposes Only!



Post Landfall Water Model Results

Day One / Day Two / Day Three
Florida – 30,60,121 Truckloads

Model results per County on following page

This model is based on a Category 2 storm making landfall near Palm Beach, FL.

Commodities

- < 5 Trucks Each
- 5 - 10 Trucks Each
- 11 - 20 Trucks Each
- 21 - 40 Trucks Each
- > 40 Trucks Each

Information provided on this page displays a Category 2 storm making landfall near Palm Beach, FL. These projections are based on information from the NHC ***(1230 EDT 09/05/2008)*** forecast. The amount of commodities forecasted is based on Mission Guide Book requirements and SME input. The graphic represents single day needs with full distribution system in place and operating.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane NoName Commodities Model	
Generated By: Siemsen, LRL 1300 EDT 09/05/2008	
Sources: HURREVAC LRL-DEBRIS	Page 4 of 13

US Army Corps of Engineers

Hurricane NoName Commodities Model

Landfall Expected In About 23 Hours

For Planning Purposes Only!

State	Truckloads per State	County	Truckloads per County
Florida		Broward County	47
		Glades County	1
		Hendry County	1
		Martin County	7
		Okeechobee County	1
		Palm Beach County	63
		St. Lucie County	1
Florida	121		

The amount of commodities forecasted is based on Mission Guide Book requirements and SME input and the above table indicates suggested needs based on phased deployment of a commodities distribution system.

Details about this model may be obtained at http://www.englink.usace.army.mil
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Hurricane NoName Commodities Model

Generated By:
Siemsen, LRL 1300 EDT 09/05/2008

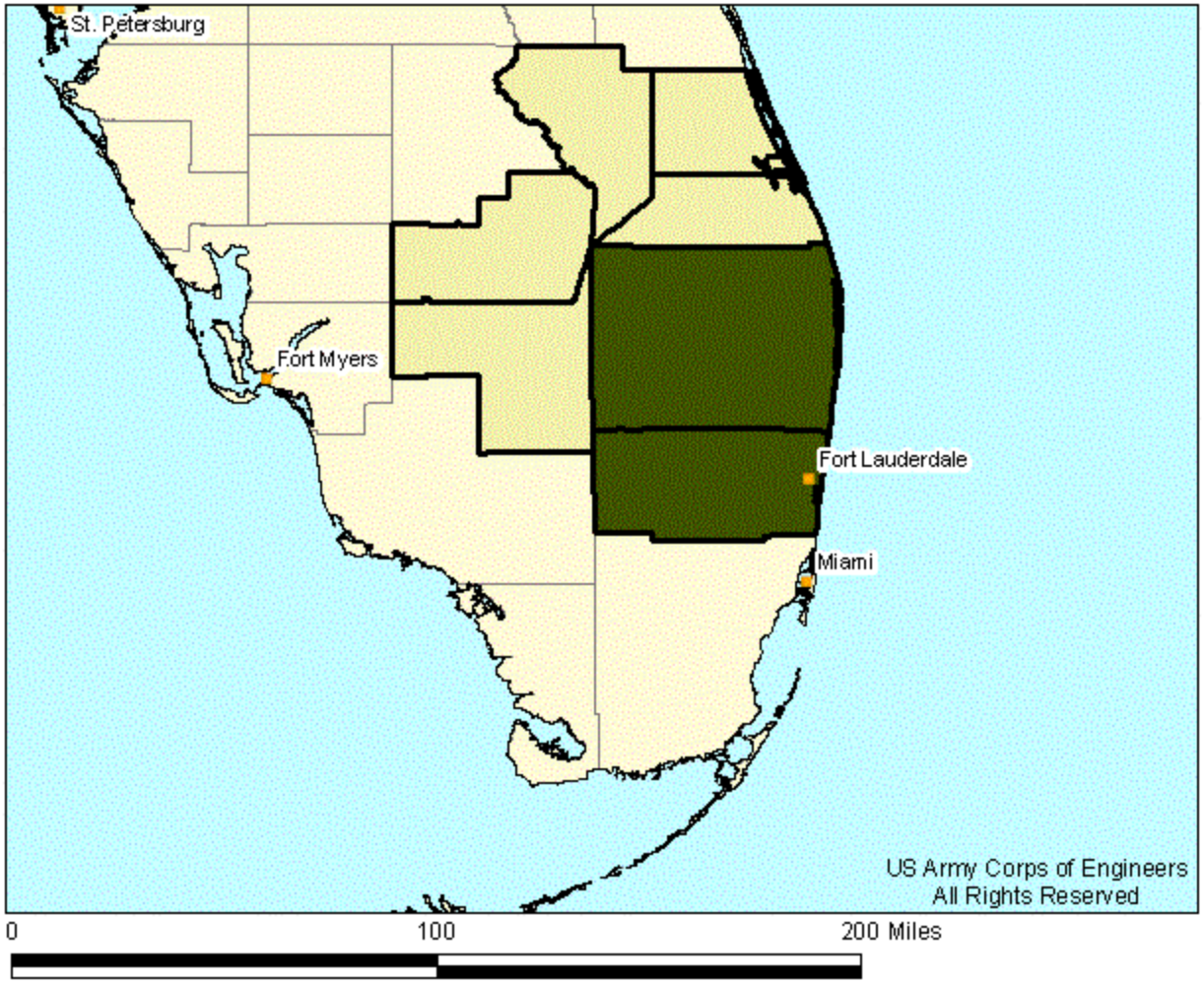
Sources:
HURREVAC
LRL-DEBRIS

Hurricane NoName Temporary Roofing Model

US Army Corps of Engineers

Landfall Expected In About 23 Hours

For Planning Purposes Only!



Post Landfall Temporary Roofing Model Results

Florida - 38,400

Model results per County on following page

This model is based on a Category 2 storm making landfall near Palm Beach, FL.

Temporary Roofing

- < 2,000 units
- 2,000 - 3,999 units
- 4,000 - 5,999 units
- 6,000 - 9,999 units
- > 10,000 units

Information provided on this page displays a Category 2 storm making landfall near Palm Beach, FL. These projections are based on information from the NHC (1230 EDT 09/05/2008) forecast. Temporary roofing is based on 2% in CAT 1 and 5% in CAT 2.

Details about this model may be obtained at http://www.englinkusace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane NoName Roofing Model	
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Sources: HURREVAC LRL-DEBRIS	Page 6 of 13

US Army Corps of Engineers

Hurricane NoName Temporary Roofing Model

For Planning Purposes Only!

Landfall Expected In About 23 Hours

State	House Units per State	County	House Units per County
Florida		Broward County	10,600
		Glades County	< 100
		Hendry County	< 100
		Martin County	1,600
		Okeechobee County	< 100
		Palm Beach County	26,200
		St. Lucie County	< 100
Florida	38,400		

Temporary roofing is based on 2% in CAT 1 and 5% in CAT 2.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

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Hurricane NoName Roofing Model

Generated By:
Siemsen, LRL 1300 EDT 09/05/2008

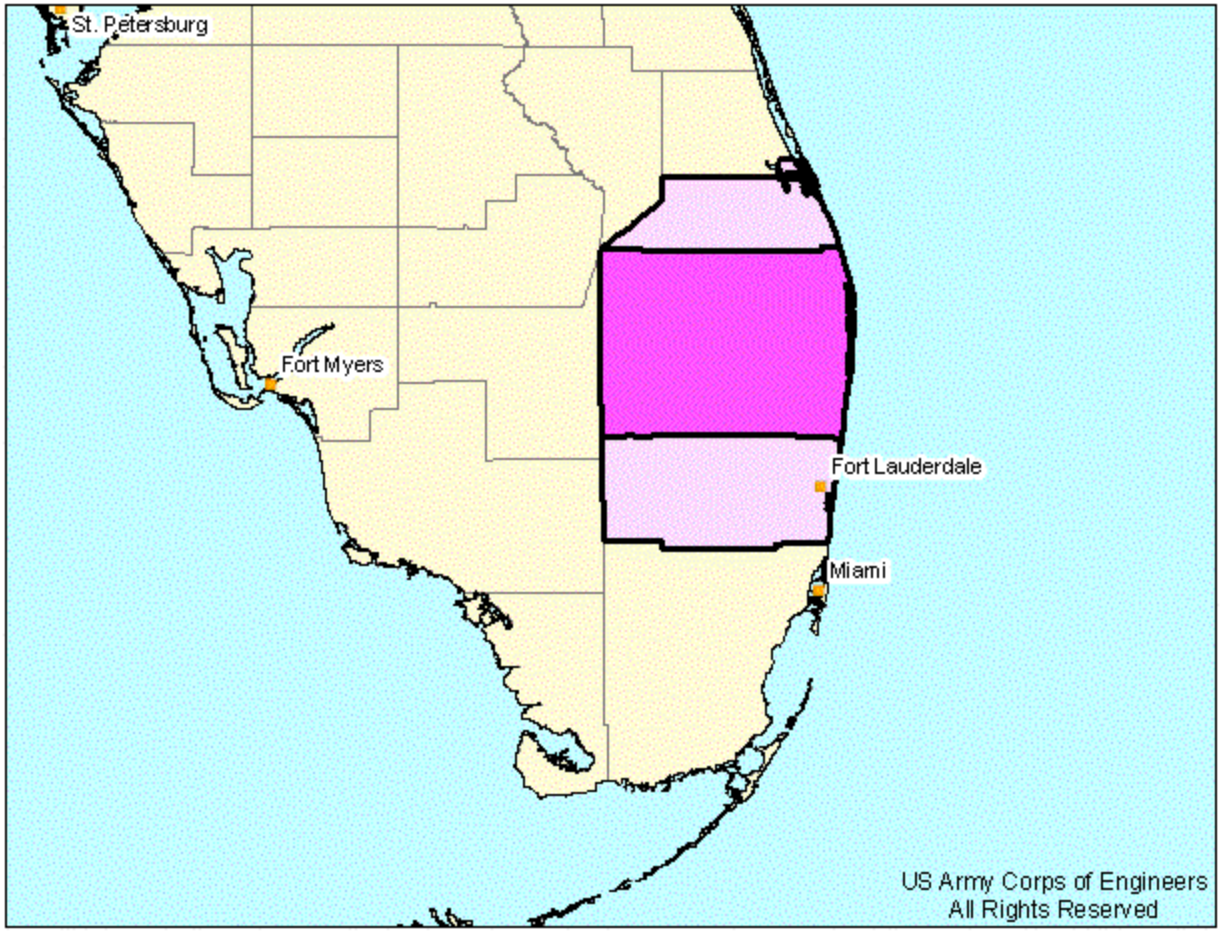
Sources:
HURREVAC
LRL-DEBRIS

Hurricane NoName Temporary Housing Model

US Army Corps of Engineers

Landfall Expected In About 23 Hours

For Planning Purposes Only!



0 100 200 Miles

Post Landfall Temporary Housing Model Results

Florida - 6,400

Model results per County on following page

This model is based on a Category 2 storm making landfall near Palm Beach, FL.

Temporary Housing

- < 2,000 units
- 2,000 - 3,999 units
- 4,000 - 5,999 units
- 6,000 - 9,999 units
- > 10,000 units

Information provided on this page displays a Category 2 storm making landfall near Palm Beach, FL. These projections are based on information from the NHC (1230 EDT 09/05/2008) forecast. Temporary housing is based on 1% in CAT 2.

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane NoName Housing Model	
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Sources: HURREVAC LRL-DEBRIS	Page 8 of 13

US Army Corps of Engineers

Hurricane NoName Temporary Housing Model

For Planning Purposes Only!

Landfall Expected In About 23 Hours

State	House Units per State	County	House Units per County
Florida		Broward County	1,000
		Martin County	200
		Palm Beach County	5,200
Florida	6,400		

Temporary housing is based on 1% in CAT 2.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

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Hurricane NoName Housing Model

Generated By:
Siemsen, LRL 1300 EDT 09/05/2008

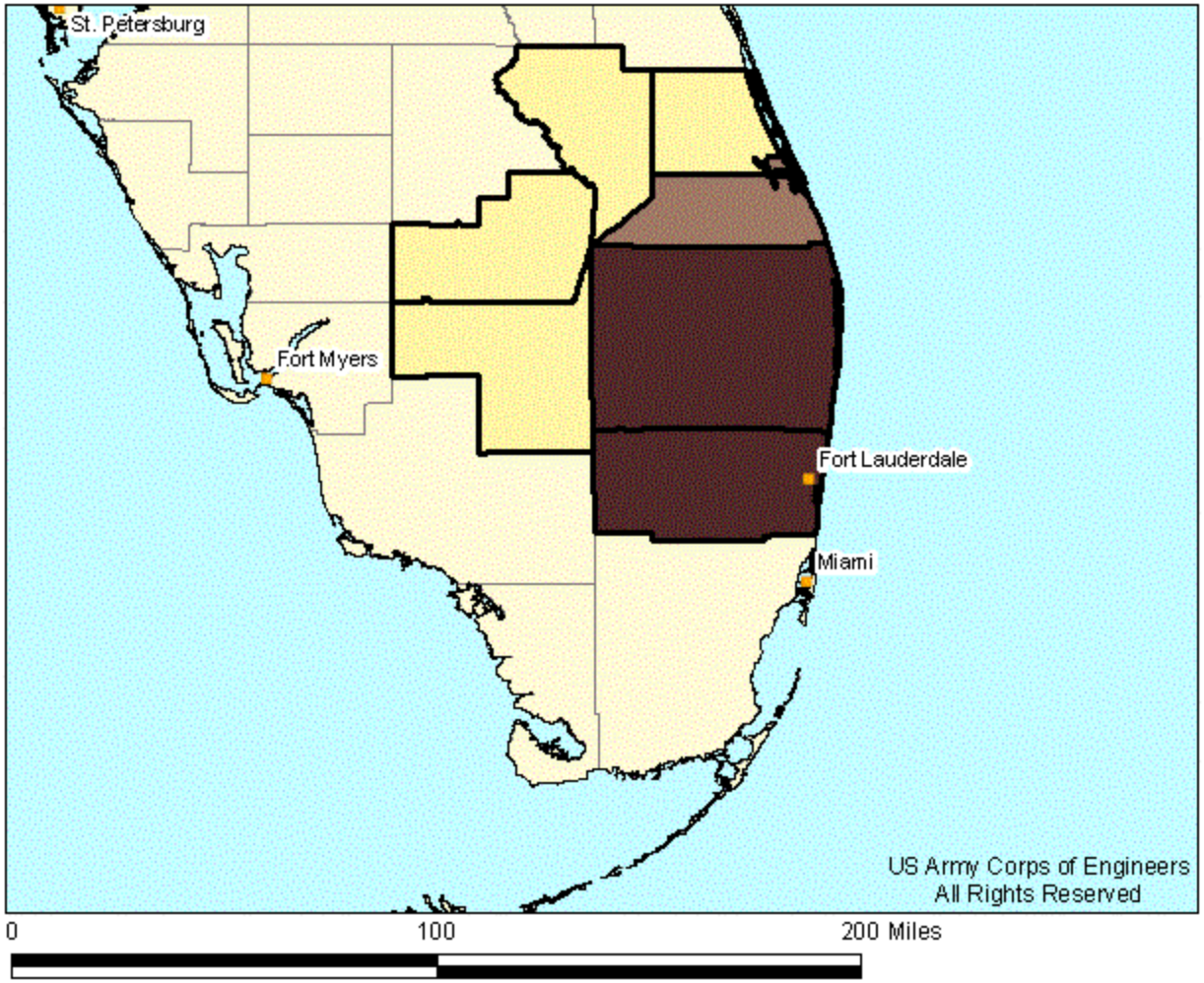
Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane NoName Population Model

Landfall Expected In About 23 Hours

For Planning Purposes Only!



Post Landfall Results – Resident Population Within Hurricane Force Winds

Florida - 2,334,000

Model results per County on following page

This model is based on a Category 2 storm making landfall near Palm Beach, FL.

Population

- < 25,000 persons
- 25,000 - 99,999 persons
- 100,000 - 174,999 persons
- 175,000 - 249,999 persons
- > 250,000 persons

Information provided on this page displays a Category 2 storm making landfall near Palm Beach, FL. These projections are based on information from the NHC (1230 EDT 09/05/2008) forecast. The numbers of persons included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values adjusted to July 2007 values).

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane NoName Population Model	
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Sources: HURREVAC LRL-DEBRIS	Page 10 of 13

US Army Corps of Engineers

Hurricane NoName Population Model

Landfall Expected In About 23 Hours

For Planning Purposes Only!

State	Population per State	County	Population per County
Florida		Broward County	925,000
		Glades County	2,000
		Hendry County	< 1,000
		Martin County	135,000
		Okeechobee County	6,000
		Palm Beach County	1,260,000
		St. Lucie County	6,000
Florida	2,334,000		

The number of persons estimated to be within the hurricane force winds comes from Census 2000 values adjusted to July 2007 values.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

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Hurricane NoName Population Model

Generated By:
Siemsen, LRL 1300 EDT 09/05/2008

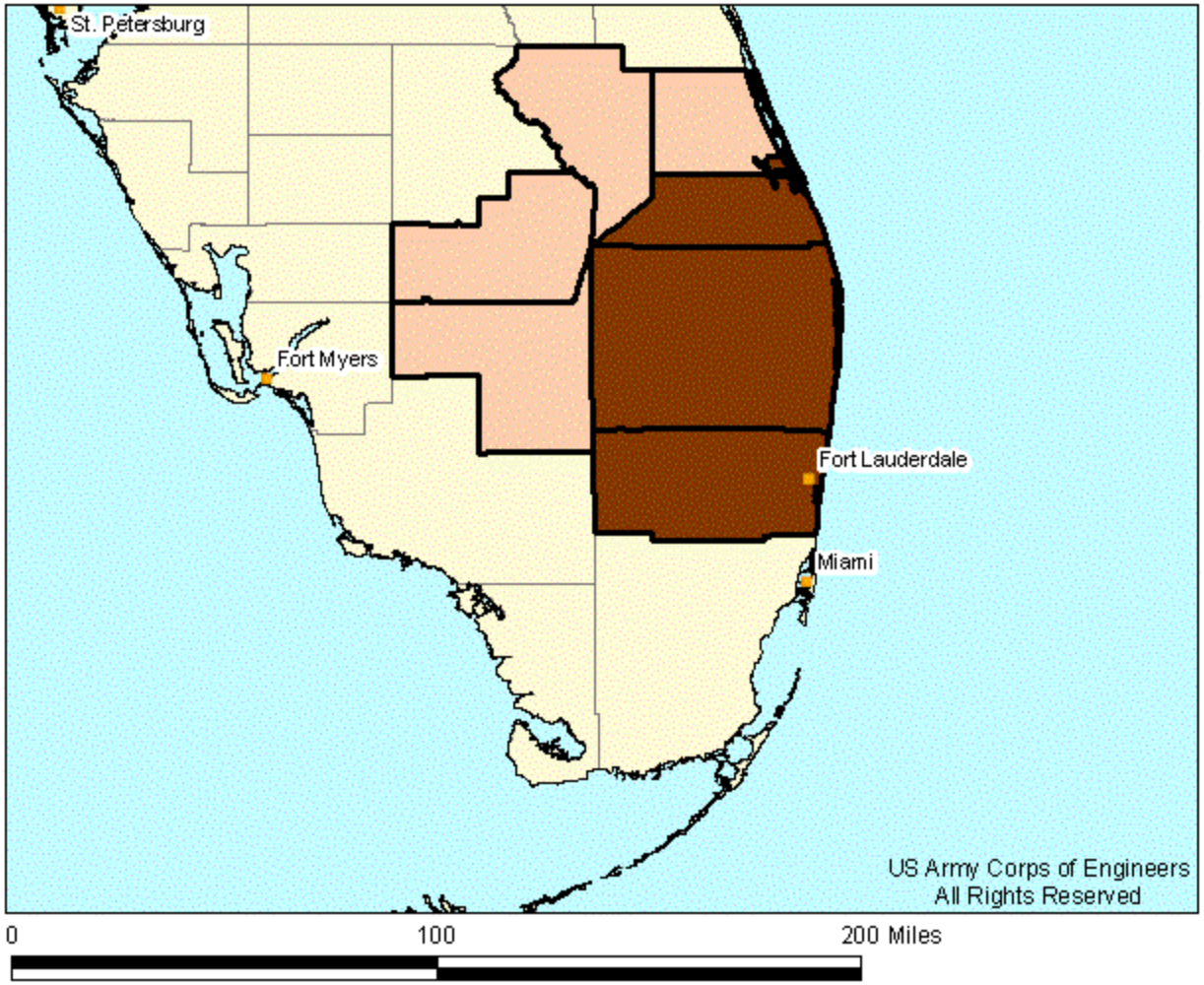
Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane NoName Households Model

Landfall Expected In About 23 Hours

For Planning Purposes Only!



Post Landfall Results – Resident Households Within Hurricane Force Winds

Florida - 981,000

Model results per County on following page

This model is based on a Category 2 storm making landfall near Palm Beach, FL.

Households

- < 7,500 households
- 7,500 - 14,999 households
- 15,000 - 24,999 households
- 25,000 - 49,999 households
- > 50000 households

Information provided on this page displays a Category 2 storm making landfall near Palm Beach, FL. These projections are based on information from the NHC (1230 EDT 09/05/2008) forecast. The numbers of households included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values adjusted to July 2007 values).

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane NoName Households Model	
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Sources: HURREVAC LRL-DEBRIS	Page 12 of 13

US Army Corps of Engineers

Hurricane NoName Households Model

Landfall Expected In About 23 Hours

For Planning Purposes Only!

State	Households per State	County	Households per County
Florida		Broward County	387,000
		Glades County	< 1,000
		Hendry County	< 1,000
		Martin County	59,000
		Okeechobee County	3,000
		Palm Beach County	529,000
		St. Lucie County	3,000
Florida	981,000		

The number of households estimated to be within the hurricane force winds comes from Census 2000 values adjusted to July 2007 values.

Details about this model may be obtained at http://www.englink.usace.army.mil
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Hurricane NoName Households Model

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Sources:
HURREVAC
LRL-DEBRIS